

Converting Colors

YUV(219.7510, -32.9082,
-38.3696)

Have a look what the booklet for
YUV(219.7510, -32.9082, -38.3696)
contains.

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Color

**YUV(219.7510, -32.9082,
-38.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FF99
RGB	176, 255, 153
RGB Percent	69%, 100%, 60%
CMY	0.3098, 0.0000, 0.4000
CMYK	0.31, 0.00, 0.40, 0.00
HSL	106°, 100%, 80%
HSV	106°, 40%, 100%
XYZ	59.4143, 83.0500, 43.0358
YIQ	219.7510, -14.3420, -48.4700

Conversions

Conversions Part 2

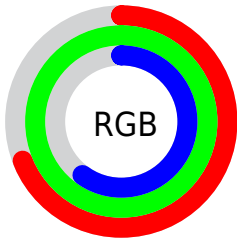
Format	Color
RYB	153, 255, 232
Decimal	11599769
CIELab	93.04, -42.47, 41.22
CIELCh	93, 59.181, 135.855
Yxy	83.0500, 0.3203, 0.4477
Android (android.graphics.Color)	4289789849 (0xFFB0FF99)
YUV	219.7510, -32.9082, -38.3696
Hunter-Lab	91.1318, -43.1058, 35.7933

Details

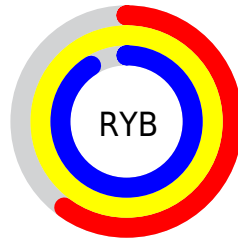
The YUV color **219.7510, -32.9082, -38.3696** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **188.2490, 32.9082, 38.3696**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3630, -17.4340, -8.2114**, and **163.5060, -31.3085, -38.1548** is the 20% darker color. If you saturate the color by 10%, you get **210.9210, -40.8801, -48.1657**, and if you desaturate by 10%, it is **228.6950, -24.4996, -28.6735**.

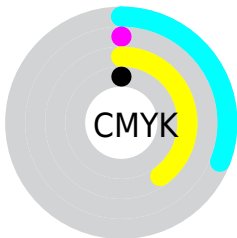
Distribution



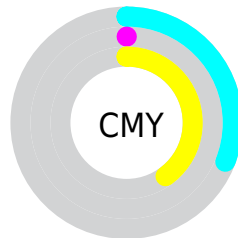
- Red (69%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (91%)



- Cyan (31%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.7510, -32.9082, -38.3696 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 219.7510, -32.9082, -38.3696 by changing the saturation by 10% instead.

■ 219.7510,
-32.9082, -38.3696

■ 219.7510,
-32.9082, -38.3696

255.0000, 0.0000,
0.0000

■ 191.2780,
-32.1821, -37.9548

■ 243.3630,
-17.4340, -8.2114

■ 163.5060,
-31.3085, -38.1548

■ 252.9480, -7.8624,
1.7996

■ 136.1470,
-30.1455, -37.8399

■ 109.0760,
-29.1245, -38.6547

■ 81.8800, -28.5348,
-41.1138

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 11.1530, -5.4984,
-9.7812

■ 219.7510,
-32.9082, -38.3696

■ 219.7510,
-32.9082, -38.3696

■ 210.9210,
-40.8801, -48.1657

■ 228.6950,
-24.4996, -28.6735

■ 202.2760,
-49.4361, -57.2471

■ 237.5250,
-16.5278, -18.8774

■ 193.4460,
-57.4079, -67.0431

■ 246.1700, -7.9718,
-9.7961

■ 184.5020,
-65.8165, -76.7393

255.0000, 0.0000,
0.0000

■ 175.5580,
-74.2251, -86.4354

■ 167.0270,
-82.3443, -95.6167

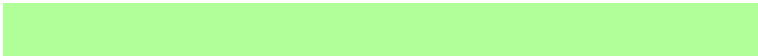
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.1350, -51.8316, 11.2826



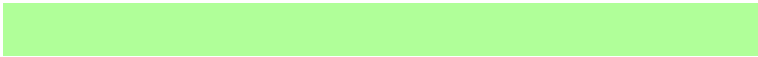
219.7510, -32.9082, -38.3696



199.6660, 2.6297, -97.0541

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.7510, -32.9082, -38.3696



194.0700, 30.0385, -114.9484



210.7860, -1.8665, 38.7757

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



219.7510, -32.9082, -38.3696



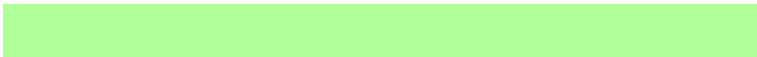
188.2490, 32.9082, 38.3696

Split Complementary

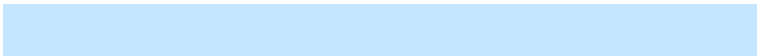
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.0190, 18.2316, 32.4323



219.7510, -32.9082, -38.3696



222.9830, 15.7844, -22.7871

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.7510, -32.9082, -38.3696



178.7550, 37.5888, -156.7681



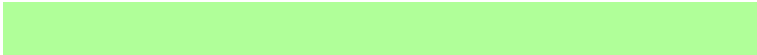
227.9980, 13.3120, 23.6808



212.6030, -27.9053, 37.1822

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.7510, -32.9082, -38.3696



177.6150, 33.2208, -155.7684



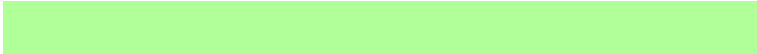
227.9980, 13.3120, 23.6808



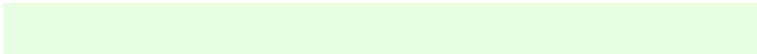
212.3650, 6.7221, 37.3909

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



219.7510, -32.9082, -38.3696



244.2900, -10.0030, -11.6553



229.2840, -37.6080, 22.5529



121.7620, -5.7987, -6.8073



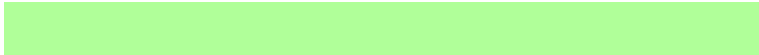
0.0000, 0.0000, 0.0000



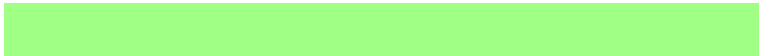
128.0000, 0.0000, 0.0000

Same Dimension

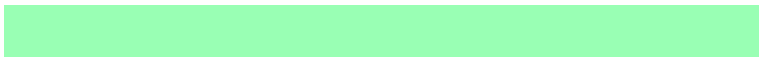
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.7510, -32.9082, -38.3696



212.6870, -39.2857, -46.2065



215.9520, -17.7243, -55.2089



123.5280, -4.2043, -4.8481



124.9740, -61.6122, -71.8912



41.7540, -20.5847, -24.3403

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



188.2490, 32.9082, 38.3696



175.0140, 39.4331, 45.5917



192.0480, 17.7243, 55.2089



119.4720, 4.2043, 4.8481



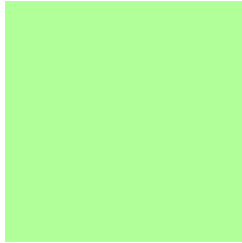
66.0260, 61.6122, 71.8912



21.9470, 20.7321, 23.7255

Previews

White Background



This preview shows how the YUV color 219.7510, -32.9082, -38.3696 looks on a white background.

Color Contrast Check

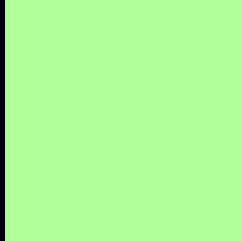
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 219.7510, -32.9082, -38.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

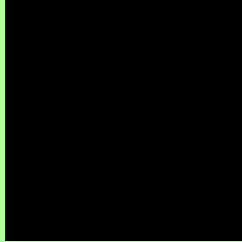
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

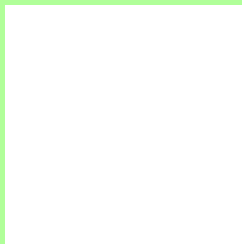
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.7510, -32.9082, -38.3696 Background



This preview shows how black text looks on a background with the YUV color 219.7510, -32.9082, -38.3696.



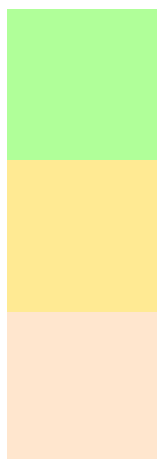
This preview shows how white text looks on a background with the YUV color 219.7510, -32.9082, -38.3696.

-38.3696.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

219.7510, -32.9082, -38.3696

Protanopia

230.3610, -41.0970, 21.6084

Deuteranopia

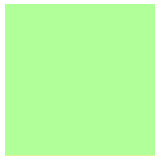
234.7390, -14.1683, 17.7689



Tritanopia

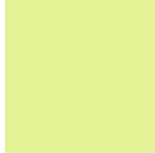
231.2450, 11.7112, -23.0169

Trichromacy



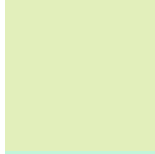
Original Color

219.7510, -32.9082, -38.3696



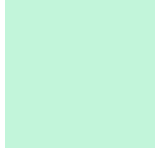
Protanomaly

226.6140, -38.2637, -0.5385



Deuteranomaly

229.1850, -20.7972, -2.7932



Tritanomaly

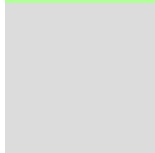
226.6730, -4.2758, -28.6542

Monochromacy



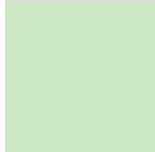
Original Color

219.7510, -32.9082, -38.3696



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.1110, -11.8867, -14.1293

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.7510, -32.9082, -38.3696 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 153)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 153) }
```

Border

The CSS property to change the border of an element to YUV 219.7510, -32.9082, -38.3696 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 255, 153) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 255, 153) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 219.7510, -32.9082, -38.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 153) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
255, 153) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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